

Naval Sea Systems Command

# Maritime Special Operations



*Coastal Systems Station*

COASTAL SYSTEMS STATION



NAVAL SURFACE WARFARE CENTER

## MISSION

*The Special Operations Division of Coastal Systems Station (CSS) specializes in providing Research, Development, Acquisition (RD&A) and technical support for Special Operations equipment and systems development.*

*CSS's primary customers are the U.S. Special Operations Command (USSOCOM) and Naval Special Warfare (NSW). CSS is the lead laboratory and Systems Integration Agent (SIA) for NSW RD&A. NSW is the USSOCOM's principle agent for maritime operations--making CSS an integral constituent in the USSOCOM's special operations RD&A process.*

## CAPABILITIES

Types of support provided by the Special Operations Division include:

- Concept and Hardware Development
- Systems Engineering
- Acquisition Management
- Product Life-Cycle Sustainment Management
- Mission Analysis
- Training and Documentation
- Testing and Evaluation
- Human Factors Engineering

## PRODUCTS

As NSW's lead laboratory and SIA, CSS developed and provides In-Service Engineering Agency (ISEA) function for:

- Mk-15/LAR V Underwater Breathing Apparatus (UBA)
- MARS Outboard Engine
- SEAL Delivery Vehicle (SDV)
- Swimmer In-Shore Navigation System (SINS)

CSS provides Life Cycle Sustainment Management functions for a growing list of equipment and systems. This list currently includes:

- MK V Special Operations Craft (SOC) Systems
- NSW Patrol Coastal (PC) Systems
- SDV
- NSW Rigid Inflatable Boat (RIB)
- 24 Foot RIB
- Patrol Boat Light (PBL)



CSS provides RD&A support for customers other than NSW.

*We have:*

- Developed and procured the Miniature Underwater GPS Receiver (MUGER), which is used by all U. S. Armed Forces for navigation and location
- Developed the Heads Up Display (HUD), the Insulated Microphone, and Sight Eye for special applications by various contingents of special forces, U.S. Armed Forces, and the civilian market

*We are now:*

- Developing the Non-Gasoline Burning Outboard Engine (NBOE). This engine will comply with new regulation to remove gasoline from certain platforms and will be used by all U.S. Armed Forces.



NAVAL SEA SYSTEMS COMMAND



Panama City

Dahlgren

NSWCDD/MP-97/60C

Approved for public release; distribution is unlimited.

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